

REMARKS

This Third Supplemental Amendment is submitted for consideration of the new claims 29-32. Claims 29-31 were considered by examiner in a telephone interview on April 27, 2011 without resolution. Examiner indicated that the claims should be formally submitted for examination.

It is helpful to recognize that the Claims 29-32 are directed a method and apparatus of operating a computer system controlling a multi-axis machine tool to prevent inadvertent activation (see Par 0025 et seq.).

The computer system has

- a memory and data processing unit (see Par. 0023);
- and/or an encoding (or encryption) module (see Par 0024) that can be read by a reader (see Par. 0024) and stores a sender decryption key and a sender identification, and a machine tool encryption key (see Fig 1).

The computer system generates a data carrier or an electronic carrier signal with encrypted machine tool control parameters that are send to and read by the multi-axis machine tool to perform machining operations (see Par. 0023).

The multi-axis machine tool has

- a memory (see Par. 0024);
- and/or a decryption module(see Par 0024) that can be read by a reader and stores a machine tool decryption key, a sender encryption key and a sender identification (see Fig 1); and
- an improper activation safety (software) module that decodes the machine control parameters (see Par 0010).

Thus the multi-axis machine tool reads asymmetrically encrypted machine control parameters (see Par 0013) from the data carrier signal generated by the computer system (see Pars 0023 and 0010) to perform machining operations.

The purpose of the encryption and decryption modules is to ensure that the multi-axis machine tool is the machine tool for which the control parameters are intended, and the computer system is the correct computer system intended to generate the control parameters for the multi-axis machine tool.

Favorable consideration is requested.

Applicants believe that no fees are due in connection with this Third Supplemental Amendment and Response; however, if any fees are deemed necessary, please charge them to Deposit Account 13-0235.

Since the enclosed claim amendments increase the number of Independent Claims to four (4), Applicant authorizes a charge to our Deposit Account No. 13-0235 for the extra independent claim over three (3) of \$220.00.

Respectfully submitted,

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